

MINTRA RUENSUK

UNIST | Ulsan National Institute of Science and Technology. 50 UNIST-gil, Eonyang-eup, Ulju-gun, Ulsan, Republic of Korea 44919

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[Google Scholar](#)
[Github](#)
[LinkedIn](#)

EDUCATION

- 2017 - present Ph.D. in Design Engineering (Human-Computer Interaction), UNIST, Republic of Korea
Thesis: Exploiting Smartphone Sensors to Detect Transitory Emotions during Social Media Use
Supervisors: [Ian Oakley](#) and [Hwajung Hong](#)
- 2010 - 2012 M.Sc. in Computer Science (with specialization in Software Engineering)
Asian Institute of Science and Technology, Thailand
Thesis: Voice, Gesture, and Web Interfaces for Human-Robot Interaction in Service Environments
Supervisor: Matthew N. Dailey
Committee: Masahiko Nagai and Stanislav S. Makhanov
- 2005 - 2009 B.Sc. in Information Technology (First class), Mahanakorn University of Technology, Thailand
Thesis: Information Technology Jobs Matching By Groovy on Grails
Supervisor: Suthep Vichiendilokkul

EXPERIENCE

- 09/2020 - present **Lead Software Engineer**
Perception | Holographic Computer Startup, Thailand
- 09/2017 - present **PhD Researcher**
UNIST and Seoul National University, Republic of Korea
- 07/2015 - 08/2017 **Lecturer**
Department of Information Technology, Stamford International University, Thailand
- 08/2016 - 12/2016 **Visiting Lecturer**
Faculty of Engineering, Thammasat University of Technology, Thailand
- 12/2014 - 06/2015 **Lecturer**
Department of Computer Science, Rajamangala University of Technology Thanyaburi, TH
- 06/2012 - 06/2015 **Senior Software Engineer**
Think Blue Data, Thailand
- 08/2010 - 06/2012 **Research Assistant**
Asian Institute of Science and Technology, Thailand
- 05/2009 - 08/2010 **Lecturer**
Faculty of Information Science and Technology, Mahanakorn University of Technology, TH
- 03/2008 - 05/2008 **Java Programmer Student Intern**
XPLink, Thailand

PRIZES, AWARDS, AND FELLOWSHIPS

- 08/2020 **First Place Winner** (*contributed as Web Master of Bangkok ACM SIGCHI Chapter*)
2020 SIGCHI Chapter Website Competition
- 07/2019 **ACM SIGCHI travel grant**
\$800 travel grant for attending the Summer School on Write a paper for CHI 2021, India
- 05/2019 **ACM SIGCHI Student Travel Grant (SSTG)**
Conference registration waiver and \$1,800 travel grant for attending CHI'19, UK
- 05/2019 **Student Design Competition** (*advance to the second round*)
ACM SIGCHI Conference on Human Factors in Computing Systems (CHI'19), UK
- 04/2019 **Outstanding Poster Presentation Award**
SIGCHI Korea Local Chapter at Daejeon, Republic of Korea
- 10/2018 **ACM SIGCHI Student Travel Grant (SSTG)**
Conference registration waiver and \$600 travel grant for attending Ubicomp'18, Singapore
- 2017 - 2021 **UNIST CDE Scholarship**
4 years awarded for tuition and stipend for Ph.D. studies
- 2010 - 2012 **Royal Thai Government Fellowship**
2 year awarded for tuition for graduate studies

2005 - 2009

Mahanakorn University of Technology Scholarship for Outstanding Students
4 year awarded for tuition for undergraduate studies

VOLUNTEER EXPERIENCE

05/2019

Student Volunteer

ACM SIGCHI Conference on Human Factors in Computing Systems (CHI'19), UK

10/2018

Student Volunteer

ACM International Joint Conference on Pervasive and Ubiquitous Computing (Ubicomp'18), Singapore

PUBLICATIONS

- 2020 **Mintra Ruensuk**, Eunyong Cheon, Hwajung Hong, Ian Oakley. 2020. "How Do You Feel Online? Exploiting Smartphone Sensors to Detect Transitory Emotions during Social Media Use" Proc. ACM Interact. Mob. Wearable Ubiquitous Technol (IMWUT, UbiComp'21), *to appear* (Rank A* in HCI)
- 2020 Taewan Kim, **Mintra Ruensuk**, Hwajung Hong. 2020. In Helping a Vulnerable Bot, You Help Yourself: Designing a Social Bot as a Care-Receiver to Promote Mental Health and Reduce Stigma. In Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems (CHI'20). (Rank A* in HCI)
DOI: <https://doi.org/10.1145/3313831.3376743>.
- 2019 **Mintra Ruensuk**, Hyunmi Oh, Eunyong Cheon, Hwajung Hong, Ian Oakley. 2019. Detecting negative emotions during social media use on smartphones. In Proceedings of Asian CHI Symposium 2019: Emerging HCI Research Collection (AsianHCI '19). DOI: <https://doi.org/10.1145/3309700.3338442>
- 2019 Sanghyun Ma, **Mintra Ruensuk**, Chajoong Kim. 2019. Design interventions for promoting the mental health of young academics. In Proceedings of the Design Society: International Conference on Engineering Design (ICED19). DOI: <https://doi.org/10.1017/dsi.2019.95>
- 2019 **Mintra Ruensuk**, Jayeong Yoon, and Choeun Park. 2019. Amor: Supporting Emerging Adult Couples to Manage Finances for a Common Goal. In Extended Abstracts of the 2019 CHI Conference on Human Factors in Computing Systems (CHI EA '19). (13% acceptance)
DOI: <https://doi.org/10.1145/3290607.3309688>
- 2018 **Mintra Ruensuk**. 2018. Detecting Emotions using Smartphone Sensors: Technique to Raise Self-Awareness for Social Media Users. In Proceedings of the 2018 ACM International Joint Conference and 2018 International Symposium on Pervasive and Ubiquitous Computing and Wearable Computers (UbiComp '18). DOI: <https://doi.org/10.1145/3267305.3277825>
- 2017 Sirisilp Kongsilp, **Mintra Ruensuk**, Matthew N. Dailey, and Takashi Komuro. 2017. Tablet fish tank virtual reality: a usability study. In Proceedings of the 27th International Conference on Artificial Reality and Telexistence and 22nd Eurographics Symposium on Virtual Environments: Posters and Demos (ICAT-EGVE '17). DOI: <https://doi.org/10.2312/egve.20171377>
- 2016 **Mintra Ruensuk**. 2016. An implementation to reduce internal/external interruptions in Agile software development using Pomodoro Technique. In Proceedings of 15th IEEE/ACIS International Conference on Computer and Information Science (ICIS 2016). Okayama, Japan, 669 - 672.
DOI: <https://doi.org/10.1109/ICIS.2016.7550835>

TEACHING

2015 - 2017

Stamford International University (Courses entirely taught in English)

ITE445 Mobile Games Development

ITE442 Database Management Systems

ITE343 Mobile Application Development (iOS and Android)

ITE337 Content Management Systems

ITE321 System Analysis, Design and Implementation

ITE245 Human-Computer Interaction

ITE235 Mobile and Computer Architecture

ITE233 Application Development

ITE222 Programming II

ITE221 Programming I

ITE220 Web Development II

ITE120 Web Development I

ITE101 Introduction to Information Technology

2016

Thammasat University

SF-333 Mobile Application Development (iOS)